FAIR PLAY DEMANDED ON THE PART OF RADIO TRANSMITTING STATIONS

RADIO OPERATORS BY TESTING SETS **CAUSE NUISANCE**

Interference Can Only Be Overcome by Care Of Transmitters.

INSUFFICIENT

Disturbances Unnecessary Prove Annoying to All Listeners-in.

Congress has delayed enforcing ws and providing the necessary fficials for the regulation of radio raffic. In Washington, as in other sition, there is need for an exercise of fair play on the part of transnitting operators. Consideration or other broadcasting stations will be the only solution of the

of the number of radio traffic laws

eventually enacted and enforced.

Transmitting stations are licensed
by the Department of Commerce to operate on certain wave lengths and with a definite power output. There is assigned to each trans-mitting station a schedule of hours when that station is free to send when that station is free to send. The wave length assigned and the station's call are published in the Radio Call Book. This data, together with the hours scheduled for transmission are published in the daily papers. Everyone, thereore, may know who is scheduled transmit.

Testing Is Blamed. Spark and low-power C. W. sta-tions are licensed to test for ex-perimental purposes at nearly any our of the day or night. It is be-cause of the laxity of the law con-cerning these smaller stations that such of the interference in the air The larger stations are to blame at times for their prolonged testing periods. All cransmitting operators have the comptation, if not the habit, of opening up regularly without first istening-in to learn if anyone happens to be transmitting a regular ichedule or a message of importance.

The need, therefore, is not for a aw book with detailed accounts of ow and when to operate the radio ransmitter, but rather the culti-ration on the part of radio opera-ors of the habit of listening-in revious to opening up. If no one lse is broadcasting, or if no im-ortant transmission is going on. en it is proper to open up on low ower and announce a test period. fuch of the interference today is by operators who test too nuch, who keep up an incessant histling or talking. This disturb-nce aggravates the perceful lisener-in, who is in the majority to-ay and who has no means for oicing his displeasure through

pedestrians and autoists their turn at street rossings that traffic may proceed nobstructed, so must the air be ept reasonably clear for the beneof other operators, who have a ight to transmit, and for the lis-ener-in. It is annoying in a movie have a person read the picture itles aloud. Most persons prefer o watch and read for themselves. The same is true of the listener-in. prefers to keep his thought on subject or musical selection so as possible. Interruptions of half dozen meaningless conversa-

in half dozen meaningless conversations are unwarranted. Static is preferable to such noises, for at east everyone is interested in tatic, and everyone knows static is inavoidable interference.

Must Play Fair.

Better times are coming to ease off the present disturbed condition in the present disturbed condition in the atmosphere. Radio enthusists are going to play fair and cenure the air intruder. There will a stoppage of the noise nuisance in action of the operators themselves. Congress will enact sufficient laws to properly regulate to such the present disturbed condition and their meaning is universally interpreted. It is reasonable to expect then that mathematical symbols will be the first transmitted. All persons will be justified in listening-in and tabue a stoppage of the noise nuisance y action of the operators them-elves. Congress will enact sufclient laws to properly regulate adio traffic. The possibilities of the new Armstrong circuit and thers which may be developed to nake available the lower wave engths will help the situation freatly. For the present, howiver, the public must play fair, ate conversations to a minimum. to the majority of persons who to-lay form the large class of listen-ers-in may secure the utmost eneyment from their radio receiving

Radio Stock Estimating

Get advice of one thor-oughly familiar with the cost of stocking your store.

Washington Radio Laboratories

Box 692-D, Herald Office.

RADIO OUTFITS SUPPLIES AT LOWEST **PRICES** GROVE, Inc.

1210 G

Broadcasting Programs, Dates and Wavelengths for This Week.

LOCAL STATIONS DAILY. NAA-NAVAL RADIO STATION. a. m.-Meteorological report on 5,950 meters of arc tran

12 m. and 10 p. m .- Time signal, weather report, ship orders. 10:30 p. m .- Naval press news. Wavelength, 2,650 meters. WWX-POSTOFFICE DEPARTMENT STATION. 10 a. m.—Weather report; 10:30 a. m., marketgram; 5 p. m., Dairy products for New York and grain report. 'All radiophone on 1,160

12:30 p. m., 2:15 p. m., 3:30 p. m., C. W. telegraph marketgram on

7:30 p. m., radio marketgrams; 9:30 p. m., weather report. All iophone on 1,160 meters.

360 METERS UNLESS OTHERWISE NOTED. WMU-Doubleday-Hill Electric

4:30-5:30—Music. Baseball scores from The Herald.

WEAS-The Hecht Co. 3 to 4 p. m.-Variety. MONDAY-WPM-Thomas

Williams, Inc. 8 p. m .- Lecture and music. TUESDAY-WJH-White and

roblem of interference, regardless 7:45 to 10 p. m .- Music and lec-WEDNESDAY AND FRIDAY-

RADIO MESSAGES

TO MARS UNLIKELY

Question of Planet Being In-

habited Is Still in

Doubt.

Mars will be within 42,000,000

miles of the earth today. Tele-

scopes in various quarters of the

This possibility must first be based

on whether or not Mars is inhab-

WEAS-The Hecht Co. 7 p. m.-Music and features. THURSDAY-WMU. 8 p. m .- Music.

DISTANT STATIONS DAILY. KDKA - Pittsburgh; WJZ-Newark; KYW-Chicago; WBZ-Springfield; WGI_Medford, Mass;

WVP-Fort Wood, N. Y.; WGY -Schenectady, N. Y. Also KQV -Doubleday-Hill Electric Co., Pittsburgh, Pa., on Monday, Wed-8:30 to 9:50 p. m.-Music, 412 nesday and Thursday nights at 8:30 o'clock.

WATCH HERALD DAILY SCHEDULE FOR PROGRAM.

WASHINGTON.

NAA-NAVAL RADIO STATION. 10:30 a. m.-Meteorological report n 5,950 meters of arc transmitter 12 m and 10 p. m.—Time signal, weather report, ship orders. 10:30 p. m.—Naval press news. Wavelength, 2,650 meters. 360 METERS UNLESS OTHERWISE

IN THE AIR TODAY.

NOTED. WDM-GHURCH OF THE COVEN-

scopes in various quarters of the globe will be trained on the planet to observe the condition of its surmon by Dr. Charles Wood, D. D., face and to determine the extent pastor.

and formation of outlines resem-bling canals and mountain ranges. by Dr. Wood.

bling canals and mountain

These investigations will be made
by men of the highest scientific
training and with apparatus designed to make most accurate measurements during the brief period of
time the planet turns toward the
earth.

The Lost Boy Who Wasn't Lost."

2 p. m.—Radio Chapel, Rev. W.
V. Bacon, paster Duquesne Baptist
Church. is at present only the remotest pos-sibility that communication will be established with Mars at this time.

6:30 p. m .- Services of the Calvary Episcopal Church, Rev. E. J. Etten, rector.

WJZ-NEWARK, N. J.

No evidence is at hand to indi-cate there is any definite stopping (Deduct one hour.) line for radio waves. Under certain m.-Radio Chapel services. sermon by Rev. Christian Reisner

conditions they are said to traverse infinite space. This is indicated in D. D. strays and static effects, when it

infinite space. This is indicated in strays and static effects, when it is not known how far these electromagnetic waves have traveled. If the Martians have extremely sensitive receiving apparatus or extremely powerful transmitting apparatus there is a possibility that we may hear from them through space and establish radio communication with their planet. If there is apparently any regularity of radio messages picked up either on earth or Mars there is some basis of hope that the peoples of the two planets are aware of each other's presence. So far no such regularity on which to base a scientific claim has been noted.

Regularity of messages once established there will arise the task of deciphering the code. It is scarcely nossible that the Mexican

transmitted. All persons will be justified in listening-in and tabulating data during this approach of Mars to earth, even though the distance is 42,000,000 miles. According to astrologists, Mars symbolizes not only the God of War, but the planet is also said to rule the energy and pluck of men, making them fond of science and mechanical contrivances. This part of man's nature is not sympart of man's nature is n

part of man's nature is not symparting many other planet.

| g desirable. There is as much in the planet is not sym| justification for tabulating such in formation as for the astronomer to bolized in any other planet.

Returning to reason and what might be expected to occur at this time or in the immediate future, the tabulation of accurate data as to by such methods will then be based odd radio messages received, its on scientific fact and will be with-comparison with messages received drawn from the field of speculation at different stations on earth, and which governs all present reports a scientific perusal of this data to on radio communication with Mars

Listen in on our Radio Concerts

Every Wednesday and Friday Evening

The program is made up of prominent local musicians and speakers on various subjects. From time to time, we also have actors from the various theaters. The current program will be found on this page.

You are cordially invited to communicate your suggestions concerning broadcasting or the concerts. We carry the best standard Radio Sets, such as Westinghouse, Amrad De Forest, Clapp, Eastham and a complete stock of parts.

Complete Radio equipment and parts always on sale.

The Hecht Co.

Seventh at F

NEW RELIGIOUS SIGNIFICANCE SEEN IN RADIOPHONE

First Sermon Broadcasted From Pittsburgh January 2, 1921.

The first church service to be sent out in its entirety by wireless was delivered by Dr. Van Etten on January 2, 1921, from the Calvary January 2, 1921, from the Calvary, church, Pittsburgh. Since then sermons have been broadcasted every Sunday by Dr. Van Etten—and more recently by other clergymen also, says Natalie E. Weiner in the New York Globe. Dr. Van Etten's sermons are the only ones on recsermons are the only ones on record, however, which are delivered
from a church as part of a service
and literally as presented to a vistible congregation. All of the other
sermons are given at the transmitting stations from which they are
broadcasted.

This is the way it is done. Calvary church is equipped with several microphones operated by a

switchboard and placed in incon-spicuous little black boxes in the pulpit, one at the lectarn and sev-eral in the chancel of the church to catch the choir's singing. The service is thus carried by telephone to the K D K A station, where it is

service is thus carried by telephone to the K D K A station, where it is broadcasted to the large congregation waiting in its respective parlors within a radius of hundreds of miles. The church's latest miracle.

New Service to Religion.

A very real religious service in the true sense of the term is that of bringing sermons and services from other churches, and clergymen of other faiths, to folks who have never and who would in all probability never in the future hear how the religious worship is carried on in other churches of other faiths than their own. Remote as the question of religious tolerance would on first thought seem, from the fields of science and of radio, on further thought it appears an ideal medium for bringing home to people the thought that their own faith may not, perhaps have a complete monopoly on the truth about the universe.

Dr. Van Etten said in one of his sermons:

First Cable Message Recalled. "I remember my grandmother telling the story of the first cable message across the Atlantic. There had been several attempts made. Doubts and sarcasms were freely expressed. Men termed the idea a

foolish dream. Moonshine, they called it—a fairy tale! At last, when all was in readiness, a meaning wiles away; if anyone had stand here tonight and speak to hundreds of people away join in our prayers and hear sage was actually ticked across those miles of water. The words of that first cablegram were these: What hath God wrought! Somehow the wonder of that moment went deeper than congratulation and praise of men. It struck a deeper note than self-adulation or self-satisfaction. Men were startled and silenced with awe and reverence. They seemed to see the time when a fairy tale came true. Perhaps all fairy tales may then come true! What hath God wrought!

Tonight we are all thinking of another modern fairy tale. If someone had told you ten years ago

Tought we are all thinking of another modern fairy tale. If someone had told you ten years ago

New! RADION PANELS - PARTS

Sold by Dealers Everywher Beautiful finish panels. Black, brown, and mahoganite. Best insulation for radio, resists rping. Standard Dials 3" and 4".

knobs, sockets, bases, etc. American Hard Rubber Co. 11 Mercer St. New York, N.Y.



Doubleday-Hill Electric Company

715 12th Street N. W. Broadcasting Station-Call W.M.U. Concert Every Day 4:30 Till

Let's All "Listen In" On



We were very fortunate to be able to purchase the entire select radio stock of a local dealer, who has discontinued this line, and we are ready to offer same to you at prices that are decidedly lower than the average. Pick out the parts you need to complete your set, investigate these prices, and visit our Radio dept. at 7th and E St. store, which is now complete in every respect.

We have in charge of our Radio dept. an operator, formerly with "NAA" (Arlington), who will be glad to give you any information free of charge concerning your Radio set. Come in and "listen-in" at our daily concerts at our 7th and E St. store.



SPECIAL 3 DAYS OFFER Type UV201 Tubes \$5.20 Each were \$6.50



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nome	C	urgers	
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No. 1	5 81	andard	Sockets
Cecil	Rec	elving U	nit Detector and 2 stage amp.
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HV-	202	Power	Tubes
F-4-		t-be-	
Canad	241	Detector	Stands \$2,0
Cryst	T-	Uel 6	witch
West		Fatier I	ightning Arrester \$1.7
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Inch-	met	ers	
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